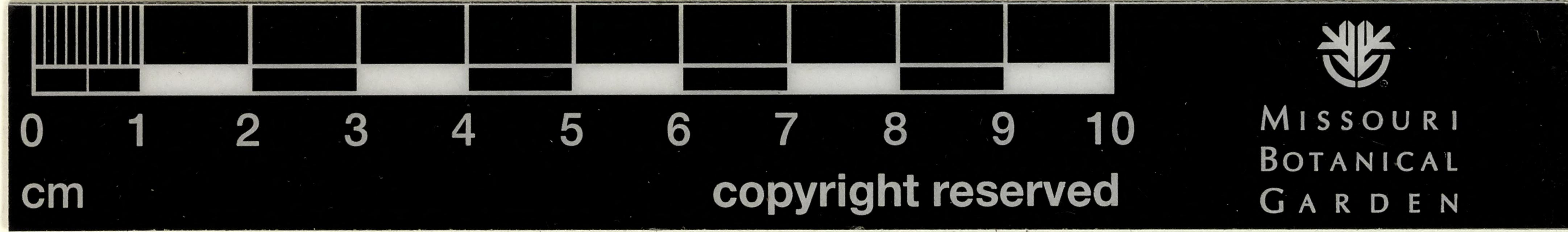


Manuellanin ef. Christy, Limaca 19 p. 340
1064

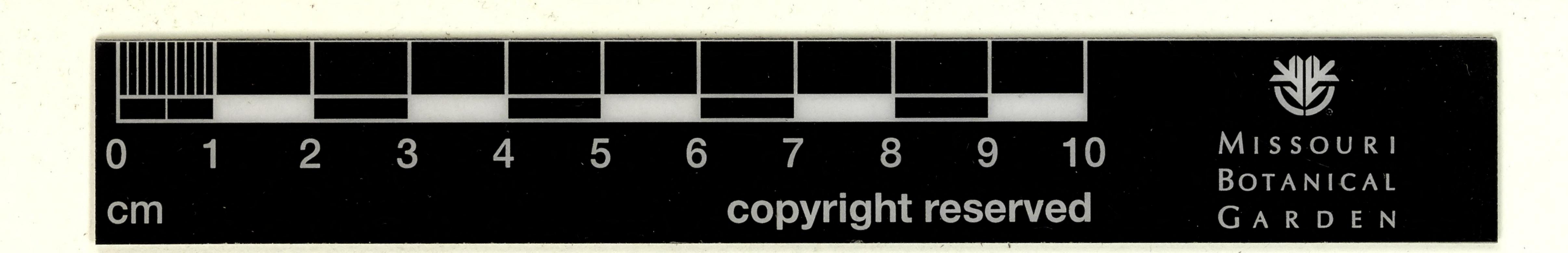






Obrenberg's and others' speries of Mamillanie Ohich are often only forms Ally. Gastergelung 1850 pag 89

1065



MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS









June 11 1862 First flowers (- Thank -- the axit, of the lest fallerite, of last year, therefore almost out one - the later flowers sum t be drucked from the axil, of the first the land of the same spring! " Orang execut flower with owny 10 line, long 12 or 13 extensor green laurealate cuspilte, findsvile sepel, shorter the the flower. 1 2 interior putaleid lavere - linea arument, mon slight fring I sopel, greenth med timen the sopel BH margi entire, despur som net, esparrell, treck - the nake i june i lass of the smile "limby staminishors part of the 2' lingloy on petal, when I've day not half as log on petal, when I've authers short over 3 line long style much long. The stand stig 5-6-7 greenith

23-74 Cim long gellow, college sales I I deme 19' 1864 I doubt their and, and believe that are the flowing " " . are for the axily of the old toberoles. I have now spends with a dry flow koveren, mag be doelone felt old itting spin.







Mamillania burbuta - 2 seedlings from one Junio





Minillani S. Lemmon 1881 Minillani S. Lemmon 1881 Simplex? 4 i'mbs Samton fresh green hobert oglicher Dende it I him long, som il more than 2 le that, not Candre white welly 22-25 slander Broky white make spring I brome outer spice 3 harpy hooked 3/4-1 the Cong flowers about 1 with los yellowigh. petet, Carre Linear stigmen , a spritte frit green one, 8-8 liber log. deeds somboulate Loidenly allies to my man. butter. both flower from Caterel tobardes ; not from The nail of the youngest ones, floor are the titendes groved, but the green older frit which materies apparelly in for 2 months, and the large sombinet deeds - those of anghamme. fint Howers appearantly fraight of last talandy of provious year, The follows ones for the certify fabriles of the presel sparing; i'man Amberrles appendetent, axil almost næken. 1068

HERBARIUM OF HARVARD UNIVERSITY, BOTANIC GARDEN, CAMBRIDGE, MASS. Fred Dr. Engelmant, Who alleched your Frist ochvelence? I do not think we have any If in our tertamine. Jams my Imez Samo Makann Do brong en Paris en lastaccontsprobably now or know mens he condindres to germany. Thinks he will come home in Della-MISSOURI BOTANICAL GARDEN MISSOURI

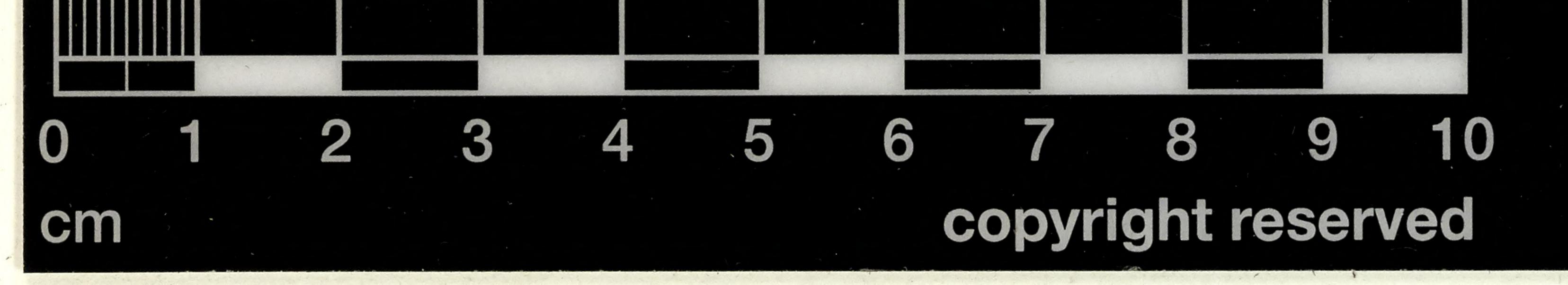
0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

Mamillaria Graham: Eng. July 14 1881 No 23 7 A Miller S. Francisco, francisco celle disposos globers, simple 2/4 inch leigh & wite, luburles 13/order 8 2/3 epinels mont conspiruous comme le 2/21 epinels ey. 1069 det 25 med tien spins almost selectors white, 3/2-4 lies by one from cents sookend spring for such lay sometimes hor 2 abbition l'inner open, à little stouter and darken the sadice one, and shift. flower about 14 lines long, x with orry free 1/2 or 1/4 leky long Strong adalog Colog C 18 or 20 sepuls - externir lover slyttly fringer, green ; talerins brown th or redd. the in the mole, with fule margin, finged below, mun mort pelala! purple with brown most of smooth manying alet 13 pelals de mintons anitate acouste, acouste, or instones anitate ville desper col? missi 6 10 Cims Com hatanin cowity full of hong, greenth gelle. Lie Beep.

Gila to vose 3 Canith filels Solver of green stigner 3 los, log, exceeding 12 florer laterel, vry hardsome

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

And the second s





St. Louis, Mo., May 13 1871

Mani Maria

Potos: Merro 1879-20 call of Shows

listing joice

globone branching habit of M. pussible

globone branching habit of M. pussible

but larger is all parts; Sulk green

tutordes outs - explaine smooth, the inhe

long in 1/34 order; stender brilles is the explication

arabe only groups to with short evanessent wool

arabe only groups to the brille brille, spiring slite

about 20 rabel thing playable brille, spiring slite

should in different disconting of shouter longer, hooked
(kach in different disconting of deflyed) 6-3"

long and 1 or the 2 appendingly, shorter oney

or these wants.

Thomas quite free, tabe constants above the

ovary: 10 live long 8-9 l. wide

ovary 10 lives long 8-9 l. vide

10-13 exterior or sepelaid phylle, lity reddish
with while margin as as many interior petaloid

ong whilish, all launwlate cartee.

5-6 spreaking white thick stigment.

nutioning with 1/2 lim Com

property of the second O. In Muchanian M. O. D. Absential basement start. MISSOURI BOTANICAL GARDENT GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

3003 Locust Street.

St. Louis, Mo., May 13 1881 Mamillani, una unakata sent of Parry & Palemen for Sen Luis Volosi, Muxim 1879-20, cull at Shows Læckent 4 inden soide 3 high Dymina glabore, simple Iask green, Anburles angles, blim, long, inner ty prominel over ande, which therefore - obliguely externel; Bhorder; with vry evanismet Thit wool on the your ones, searnely three of wool in the axily li slembre vatil spring 2-3 low log, strigt, pule Dark Tippe 2, i stote væntet spine, dank up ward, a little longer comment but hooked buck wards.
who positivited flows not innersed, slightly woolly at buse of ovary, 9-10 liste, log ad need as wide with 18-21 externing symbolish at as many isterior or pelalone johylla , law-colde ante or respirate, ditty sedish, with pele Murgen, entire. style much longer than stem with (into flowers see.) I sland spready sligent evtertiete og fele og stiste. nootarian carify 12 limby, quit lange for a manillania

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GEORGE ENGELMANN PAPERS

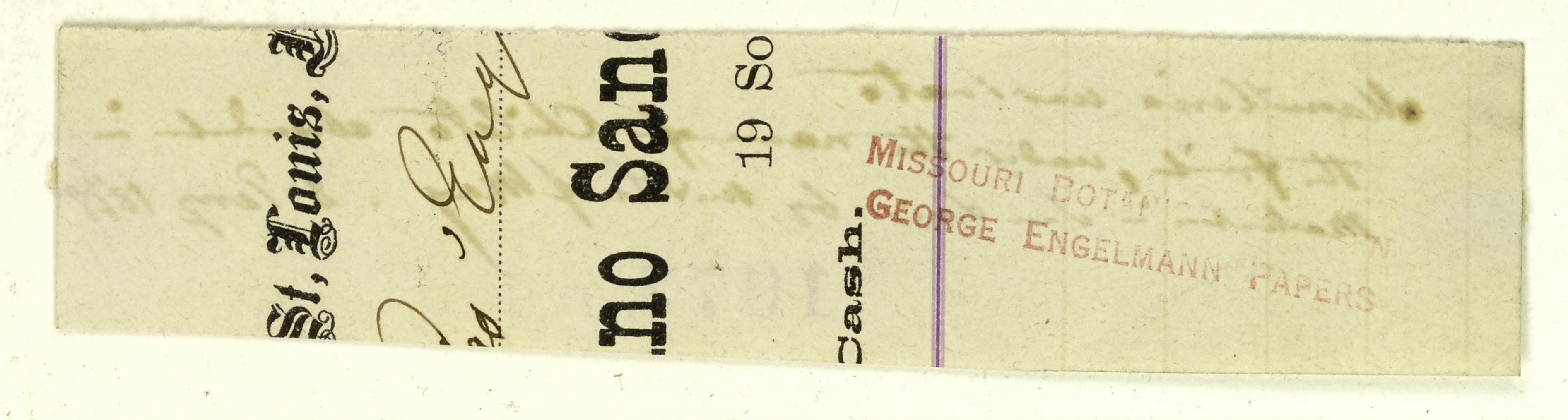
0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

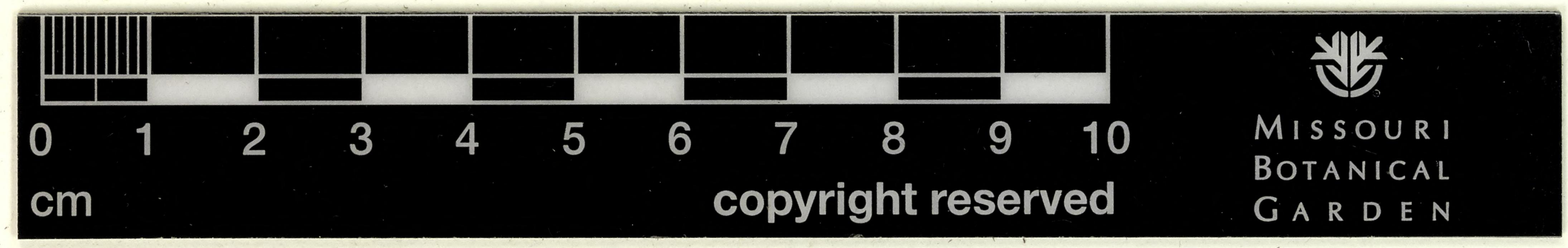
Manufleria war inet.

the Fruit, water the name of Chileto about in mathet in San Luis by wille of May . I Tany 1879

1072







Mamillang Palmeri nop. On The Gila, near the Primos Alleger, 40 miles desent, near Whiteis mills coll by De l'abover Sopt 9 1864 in flower second time and bearing fruit some line.

Officialist 2-2/2 inch high 5-6 l. d'amiter, Manuthae distant, short ownered, compressed, I like high, 11. Boad trumment at 21. long at base vertile arcolae omalan uppment whete woolle. 13-16 med et straght æericulair spiker, the copper mer a little stouter a I derk tippel, about 2 to log cutter spine little stouter backetiffed, reports, strongly hooked represents on in different directions. 5-6 limslog known axills of the before (ent centre) tabusle, overly emersed, short, naked, sepels 7-8 oblong obtiese, the the numer stand with good authors - poster style log oxection with 5-6 likear someshed spreading strigments futel, appartly some obam with, green Milled le anthen, doep zullow ben greentigssabglobozen tromvate, tippedeill the remnants of the flowers; seeds obliging oboute or subglobore, black, brittle, delidatel, s'espabrialet paaetete, Beng appenly greenish et saglobore, 20 d'obre ti judge from the silvele specime toghe me. Inthomore hand affer Dr Edward Palmer Sho idleted their and many other ware plants when you there Han stag i Angona, as melitan surgeon. Me formeter of Spiker and The paid approud the most consiste superior the shape of the plant sleener to the shape of the plant sleener to the Mann. stilligene of This Polar Silver.

> copyright reserved cm

Both Movember and Devember have been warmer then the average and they continued an voories of warm months while no has bested since deterfrom . since fune have been for 0.3 (It 4.7 degrees (November) warmen then their mean respective). With in every other respect these two months were by no means similar. November vas af genial successor of the series and dy automice months preseding it itt e high stage of the benometer flow relative) (humitaty, snows; I entle just to say insufficient, quanty of mi, V and high degree of evaporation, an nansuel member of fair days and the prevalence of southerly the cool morning of when the Thermometer for the first time in the seeson fell below the freezing point in the city (with but set in I seech easter, i Orlober); Was Freered by over two weeks of warm weather, until we had the first snow on Nov. 29 - and a severe front next day, the coldest dry of the winter theer for , Front this dag the weather changed, and Desember was in most a low Basometrial pressure, don't and and weather with the number of 10 days on which the sky was completely overrast. The evaperation of relative hemitity cover of an average a Ith quartet of sain a melled Anow I some Det Carger Than reduced. To The favorable almosphenie bendsterin of November publig presented the much be asonibed the companting immensity of our city from the places of low degree which after the prevalence of intermittents in the preceding months were greatly apprehended. The locather - December affectioning affectioning at some typher fever occurred more frequently neverthelass the mostality it the City steady decreased Juny their period, al i part signe the first of October

0 1 2 3 4 5 6 7 8 9 10

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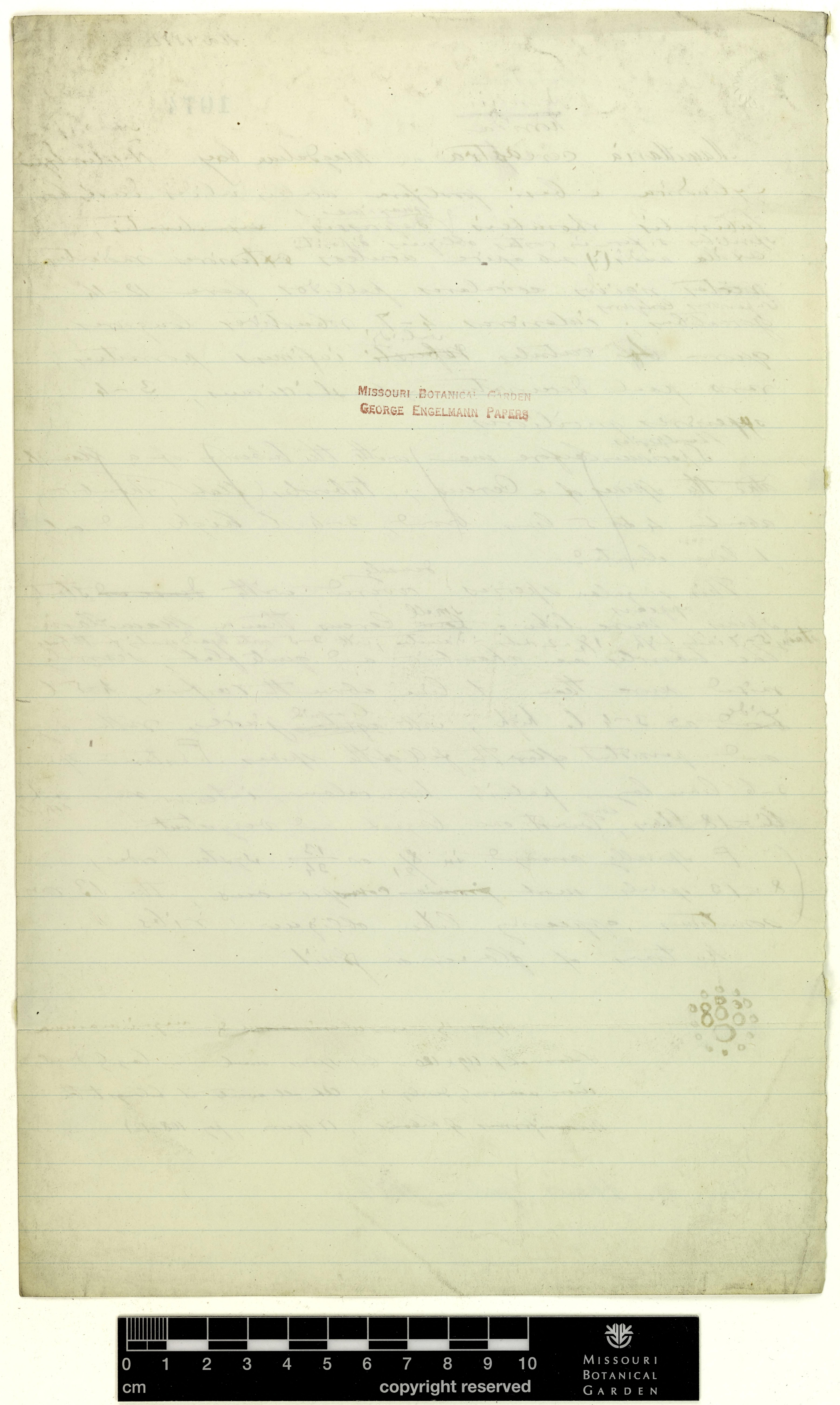
Mov 1872 Mamillaria ceredistra no Magdalena bay Statilin lyhe Eylindrica e besi prolifera aculei, validis deusé, homida
tuburchis shombers depressing vix devotis,
spiritis si fere is costas obliques dipositis exteniores radiates
ax dla audi (i) no apire aculeo; exteniores radiates gerentitus inhaniores 4-7 robertives longiores
quor des contrates reports infimes pornities vars paule descenting zober st, min, 3-4 sppenier gnorliores Sperince, Spefore me. Jwith the hober of a flactle. and the Spring of a Cereuf, tuburder (flat, Sufaction) about, 4 tof 5 lines from 3-4 ll kigh and only This singular speries overed with fine Italians Italians of the strong of the Cevens than a Manuflavia steely 5-7 into Light 1/2-2 mbs i Samueles, with 2-5 oute head sports to the base the transfer are whombit and quite flat scarrily mised more than I like above the respire, host trove as 3 mg le high, eitt agtiton jære, sutte dy and persisted after the fell of the spine, I Exterior spins 3-6 lines log palists konnolow, intersor our dans Mist & Shay, Court one longest at very orbut? Førstly amaged in 8/ or 54 system forder 8 x 13 spends most promis comprenders, The 13 mis sometimes oppearing like obligue 'ribs No trong of gloven on Buil Aparelly near uberimanne & megni manua Lobourat f. Ug x 120 - But spirer much more langely developed men amonthy develope. Och all events it belongs to the Manniformer of Laborit, 17 spens, pay 108-127 ding at Man garan 1876 MISSOURI

BOTANICAL

GARDEN

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Mo 10.



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Notebook S F4

And the Applements

Mally of the will have

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M. Grahami By. Smill globore er ovel mostly single heeds with very short will tubersles, downing course with grayeth white spiles, 15-30 straight on orditing at from entitle host I on in the outer; flower, smell, of a Arty redshire colony beng oval, witt small black pitted seeds. Or the southeast & souther boarders of which, finish Lig. hand 1-3 inch, high, spin, 2-4 lines by, flower thank 1 izh i Samth.

